

Claim 40. (Twice Amended) The product in accordance with claim 38, wherein the substrate is glass, the metal in each film is titanium, the density of the thermally oxidized amorphous metal film is 4 grams per cubic centimeter and the refractive index of the thermally oxidized amorphous metal film is 2.5.

Claim 50. (Amended) Product in accordance to Claim 47, wherein the thermally oxidized amorphous metal film is composed of crystalline metal oxide.

Claim 52. (Amended) Product in accordance to Claim 50, wherein the thermally oxidized amorphous metal film is a titanium oxide film with a crystalline structure having a density greater than  $3.4 \text{ g/cm}^3$ .